



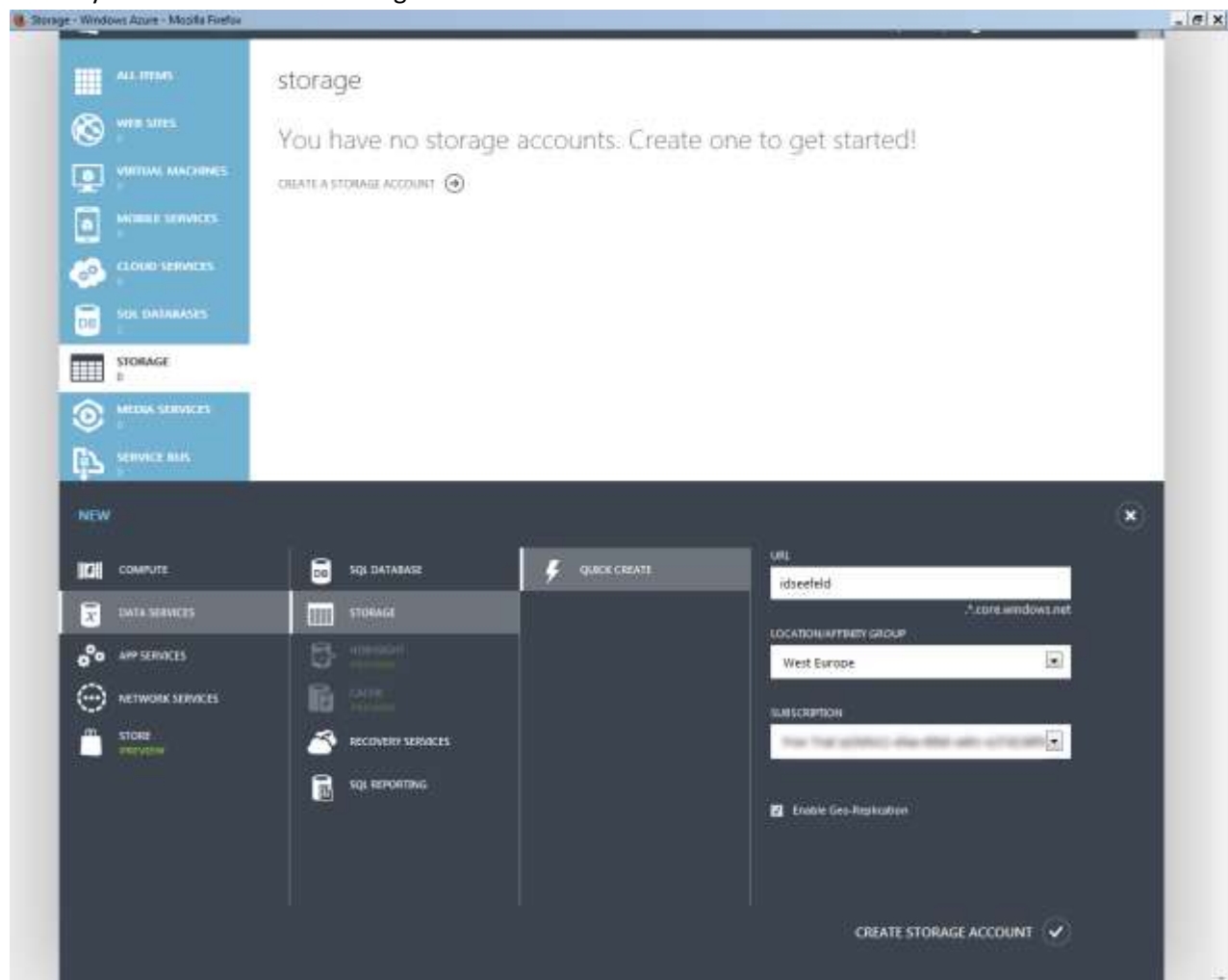
# Azure Blob Storage Provider Documentation

## What is the Azure Blob Storage Provider for Umbraco?

The Azure Blob Storage Provider replaces Umbraco's default provider for media files. **Full trust is required!**

The following steps show how to setup the ABSP:

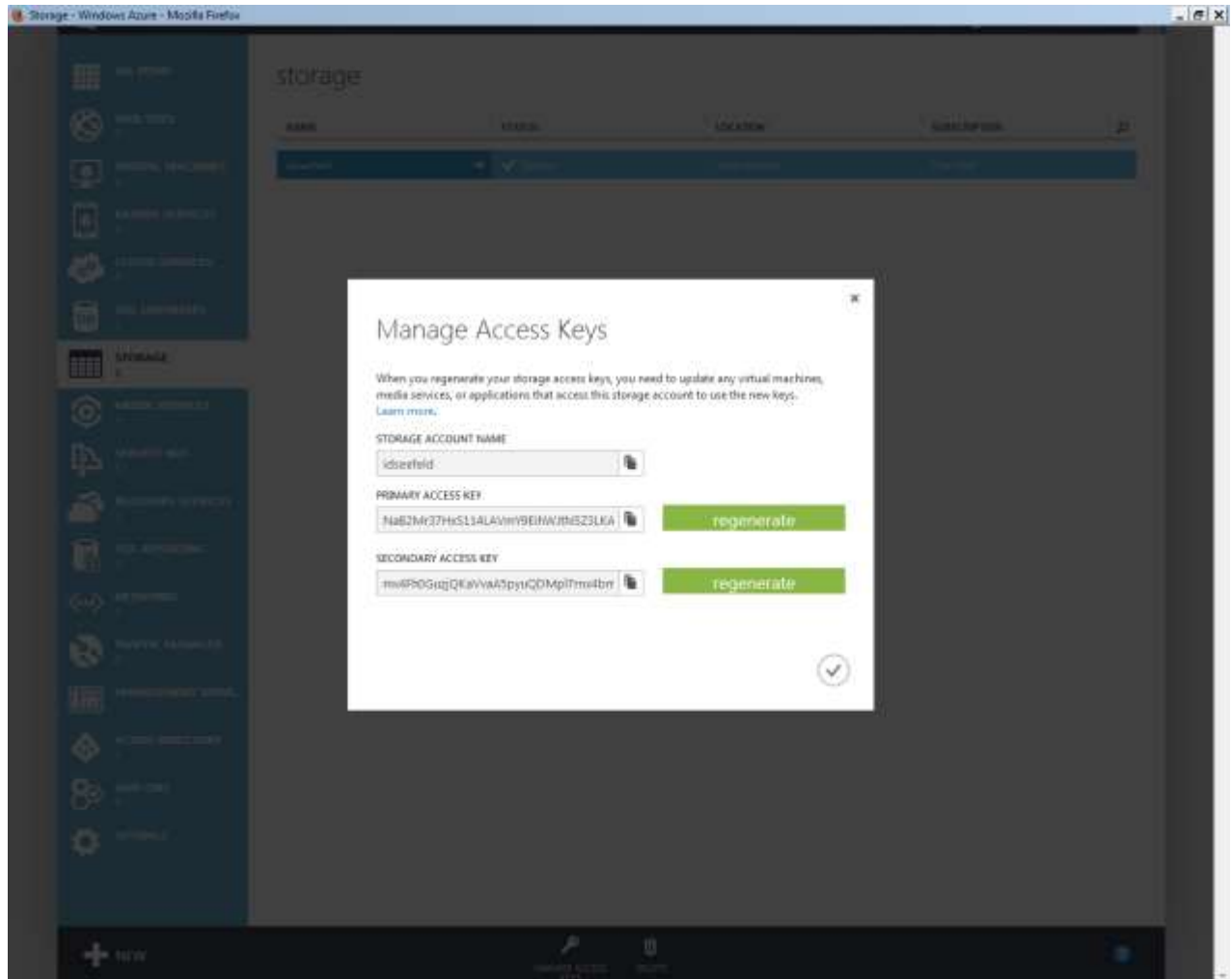
1. At first you create the Azure storage.



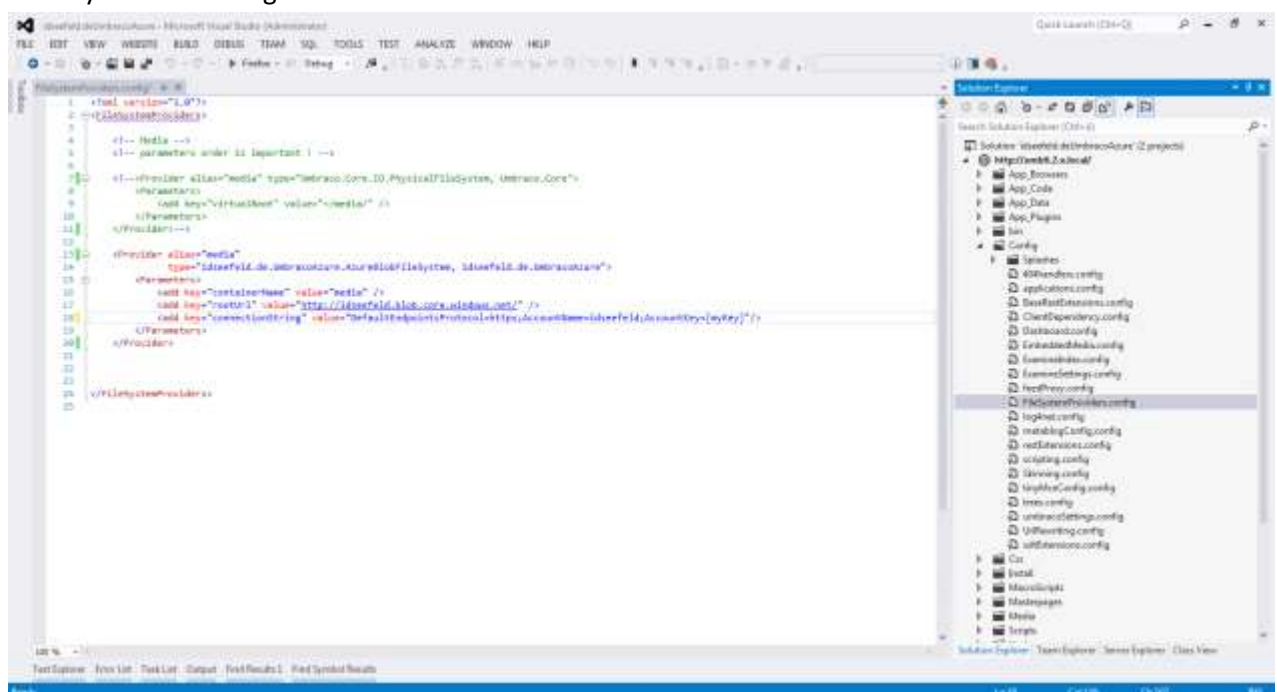
*The Result*



- Copy one of the two generated keys.



- Open file `~/Config/FileSystemProviders.config` of your Umbraco installation and paste your account name and key into the configuration:



```

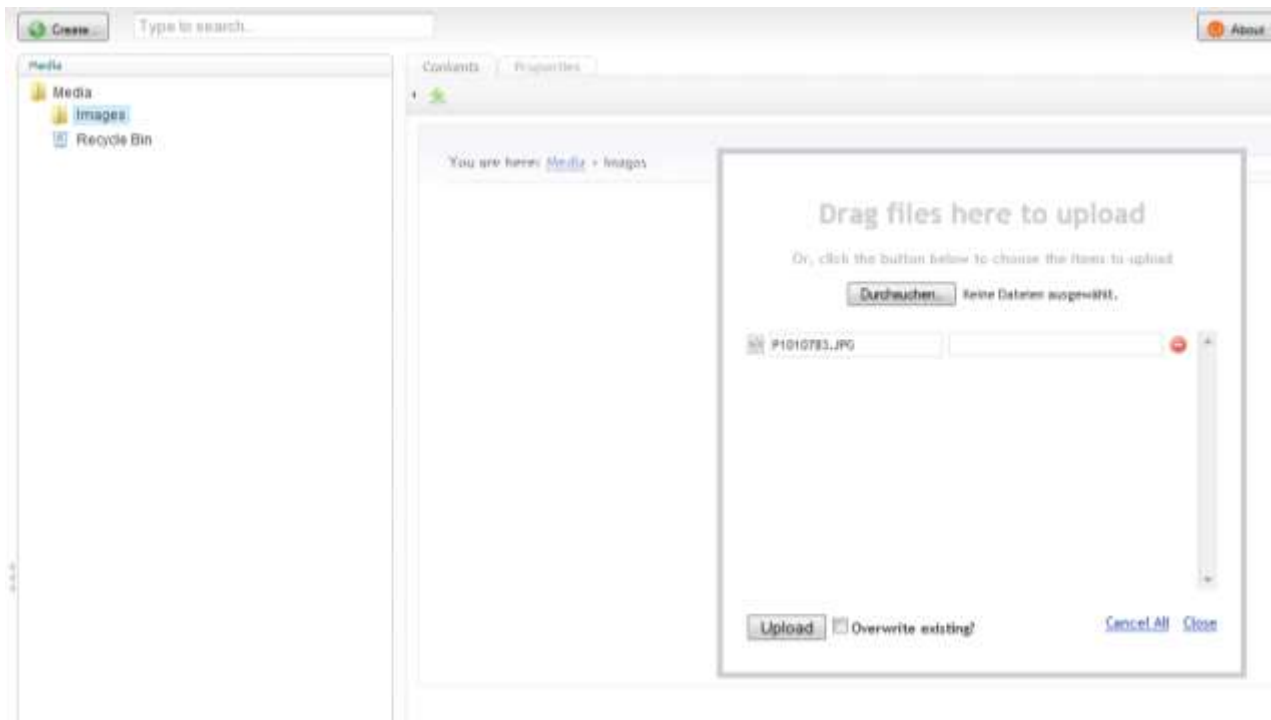
<?xml version="1.0"?>
<FileSystemProviders>
  <!-- Media -->
  <!-- parameters order is important ! -->

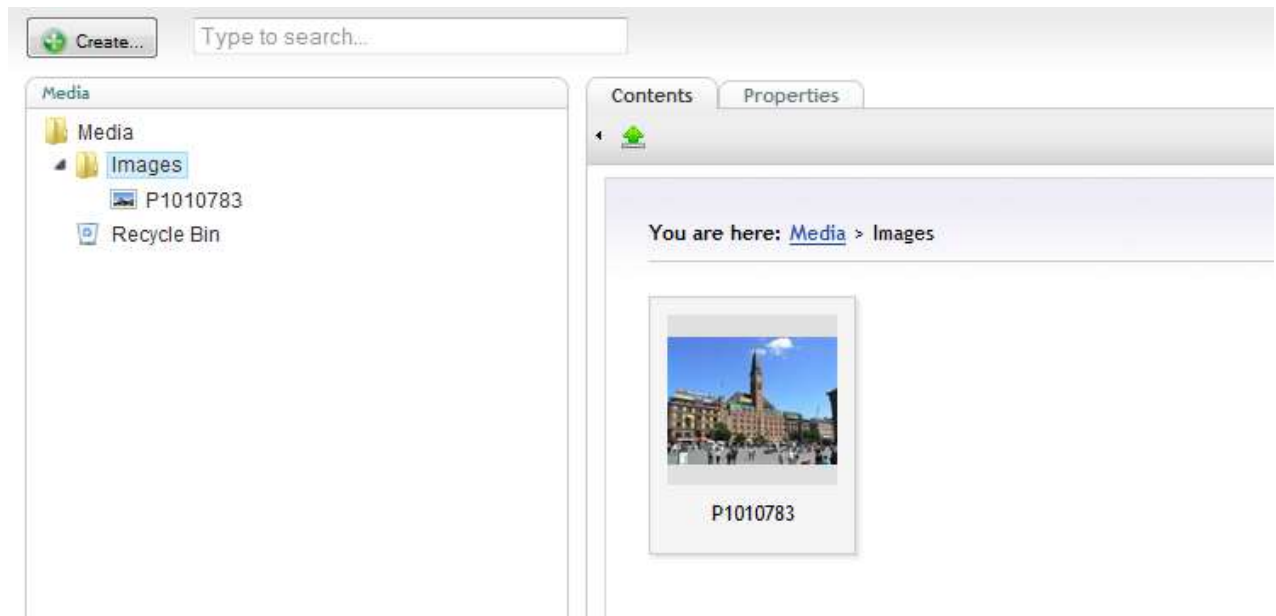
  <Provider alias="media"
            type="idseefeld.de.UmbracoAzure.AzureBlobFileSystem,
idseefeld.de.UmbracoAzure">
    <Parameters>
      <add key="containerName" value="media" />
      <add key="rootUrl" value="http://[myAccountName].blob.core.windows.net/" />
      <add key="connectionString"
value="DefaultEndpointsProtocol=https;AccountName=[myAccountName];AccountKey=[myAccountKey]"/>
      <add key="mimetypes" value="woff|application/x-font-woff;mp3|audio/mpeg3" />
    </Parameters>
  </Provider>
</FileSystemProviders>

```

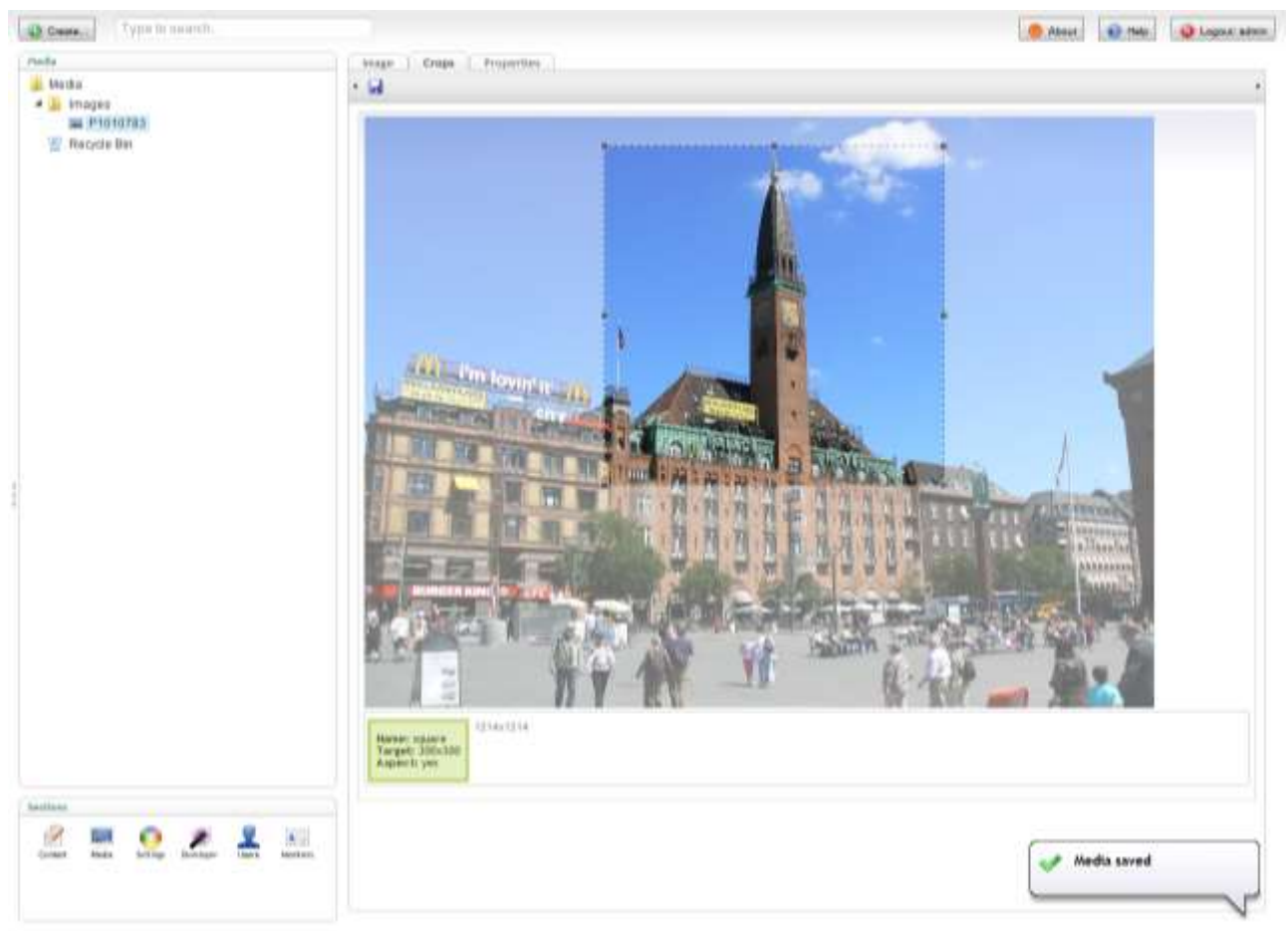
Since package version 1.0.7 you can add mimetypes. Separate each type description by ; (semicolon) and file extension (without leading dot) from header string by | (pipe). The following file extensions / types are *registered* by default: jpg, jpeg, gif, png, pdf and air. But you can override these if you like.

4. Restart the web server (e. g. touch web.config) and upload an image.

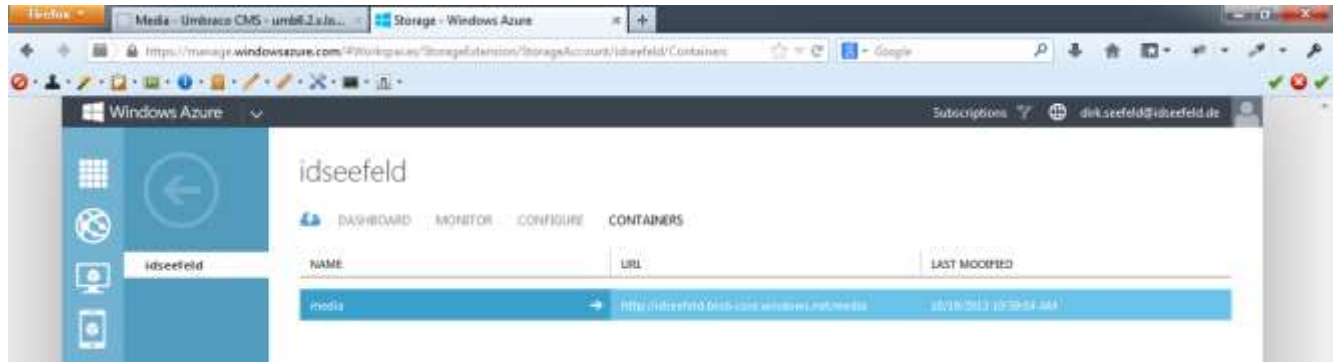




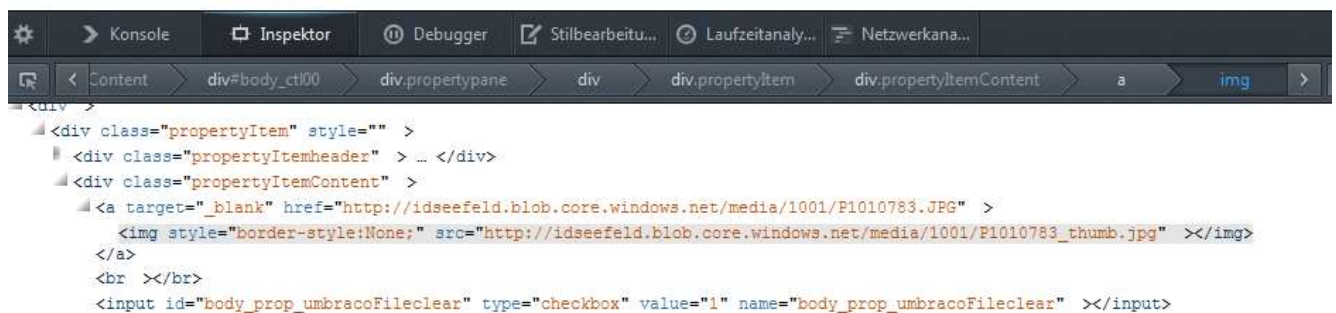
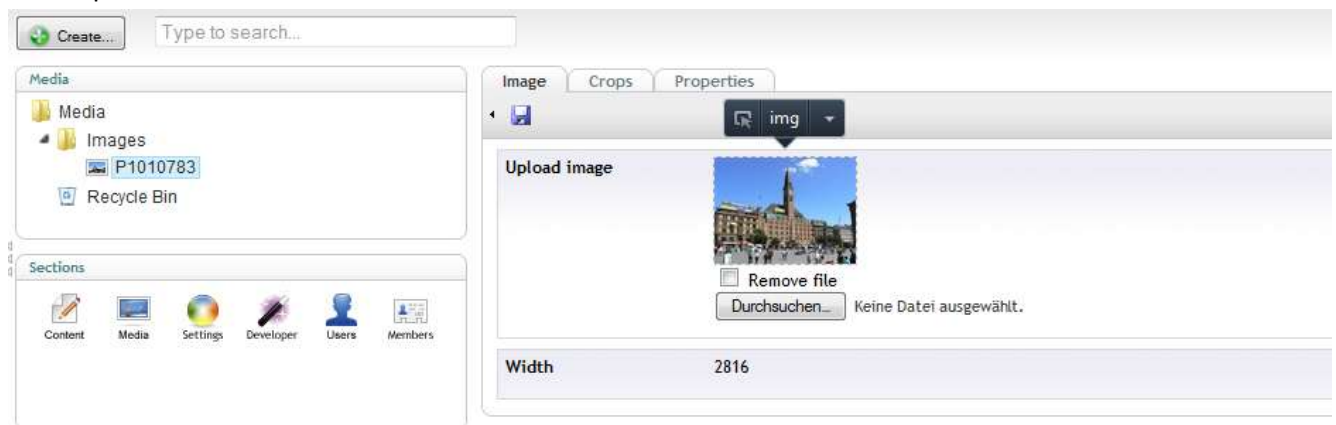
In my example I have previously installed the [Image Cropper Extended](#) and defined crops for media and content (for details see Image Cropper Extended [documentation](#)). *Just to show that it works!*



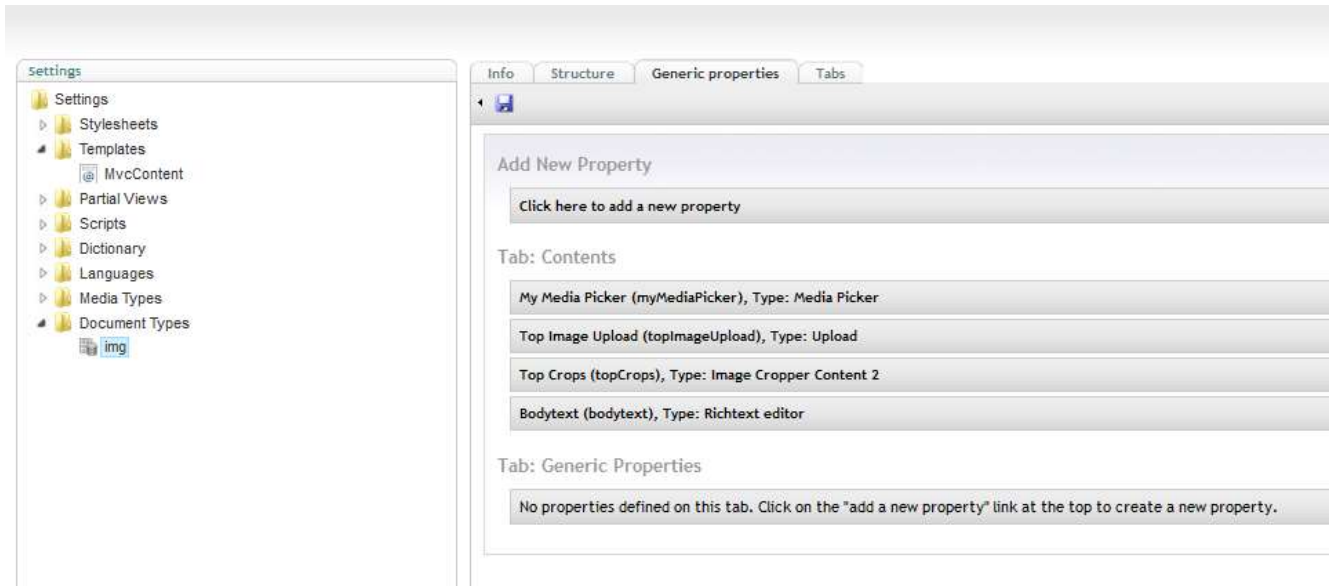
5. Check that your uploaded images are in the cloud ...



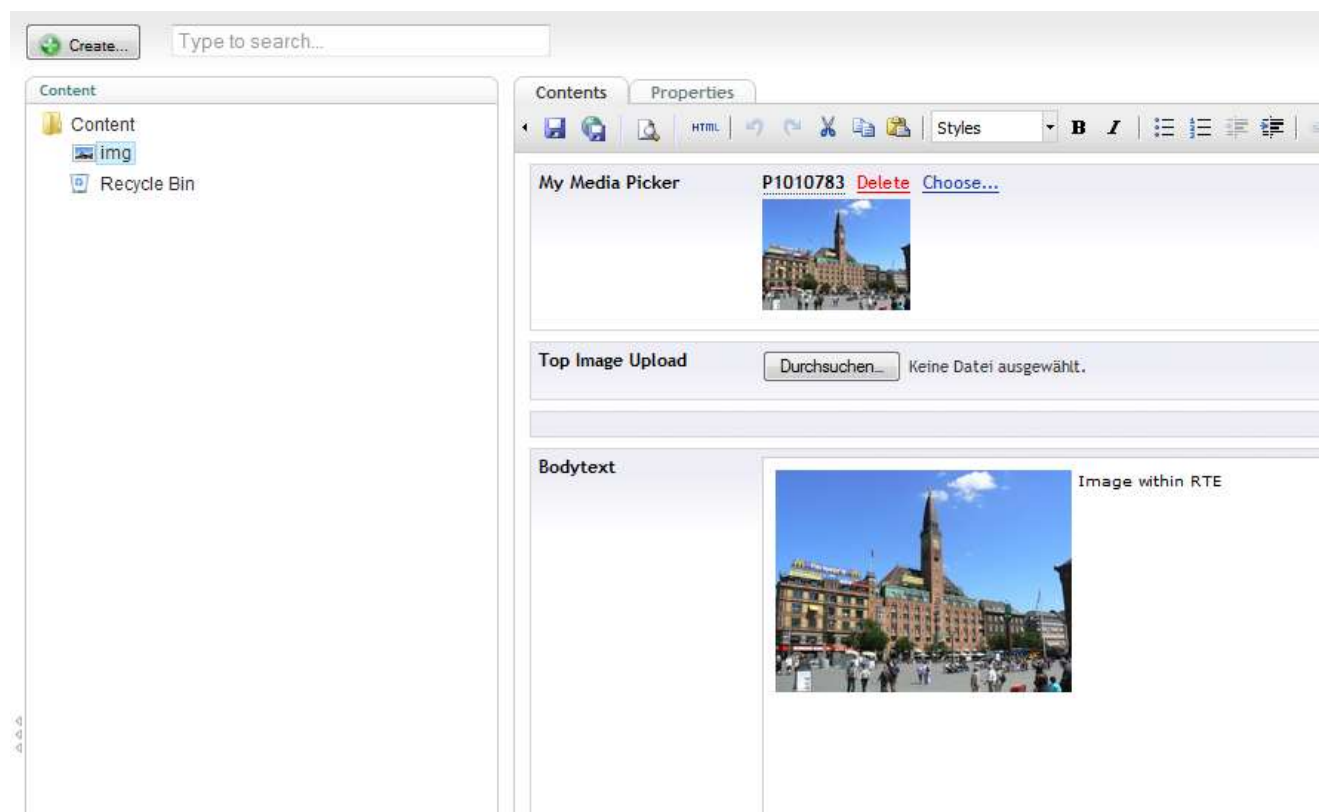
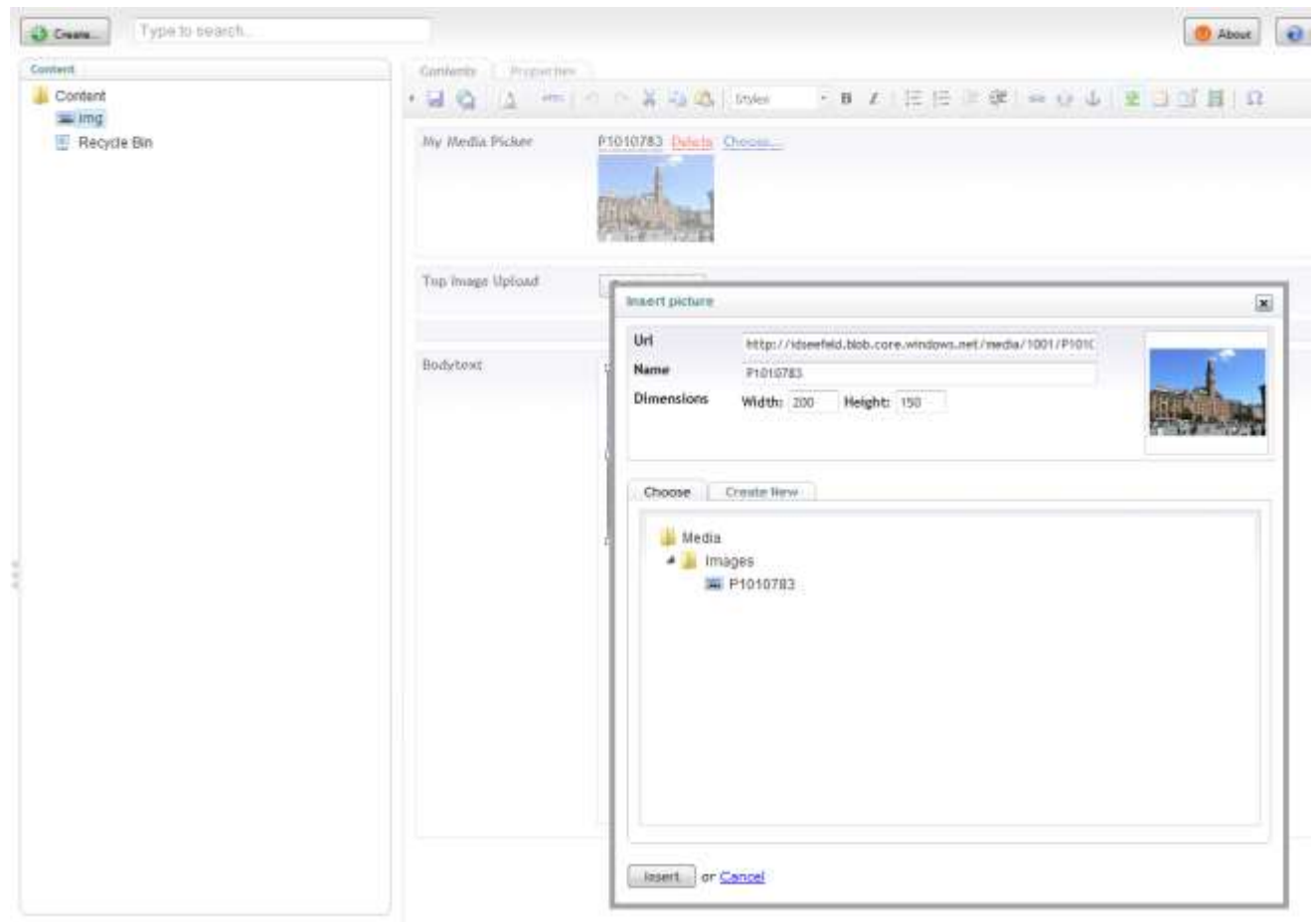
6. ... or explore the html.



## 7. Example of a document type

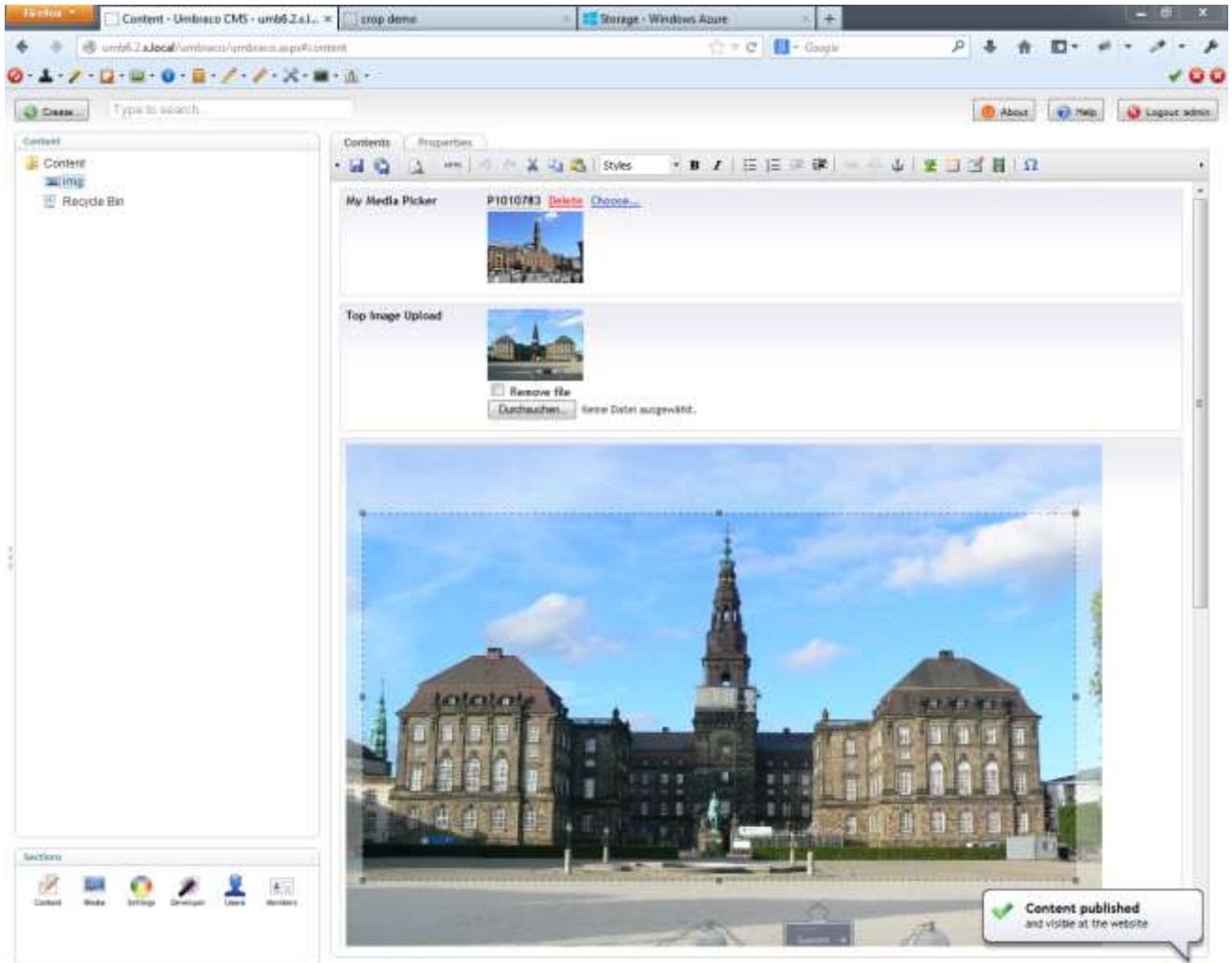


8. Create a node of the *img* document type and choose an image with the media Picker and insert one into the rich text editor.

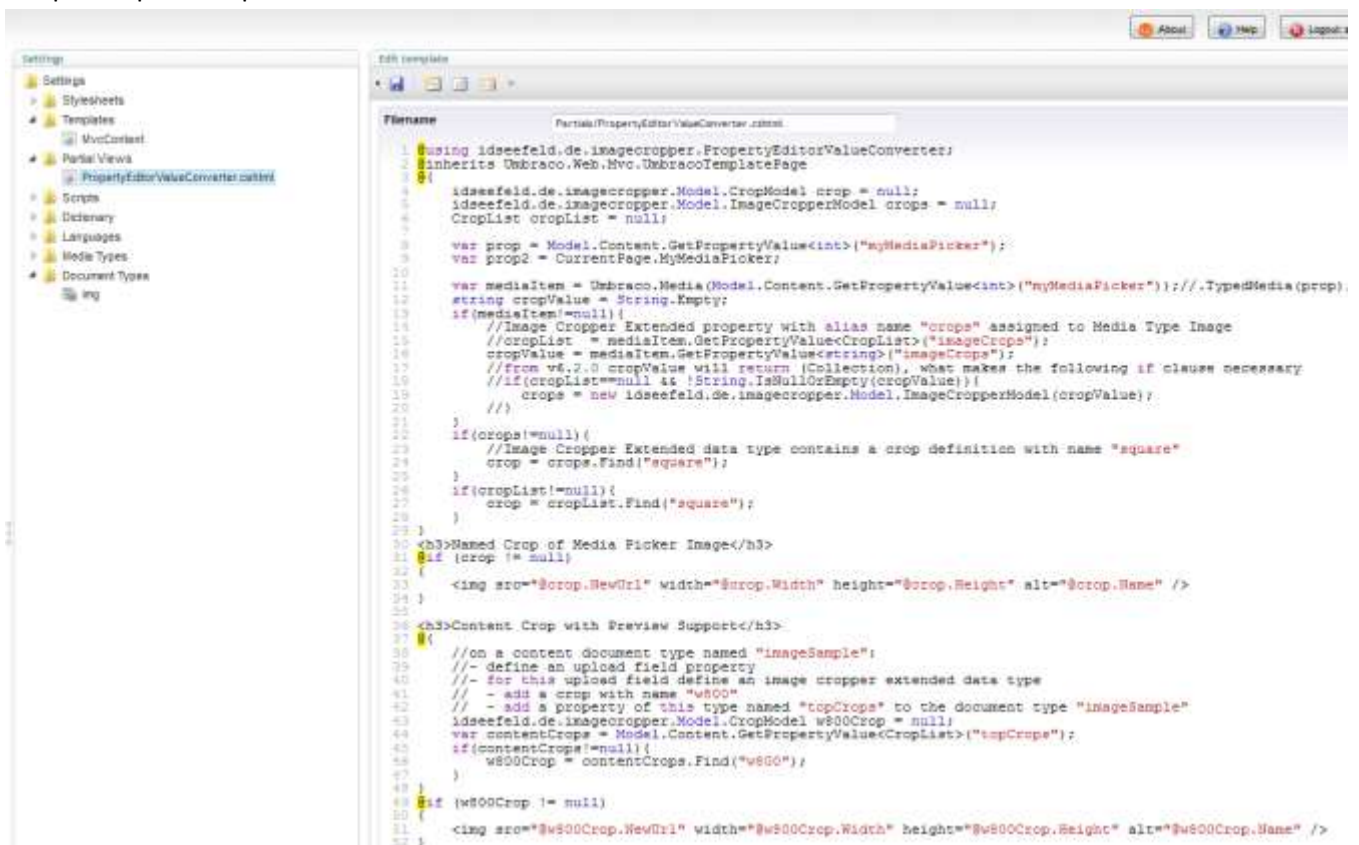




9. Upload another image with the upload, adjust the associated cropper and save & publish the node.

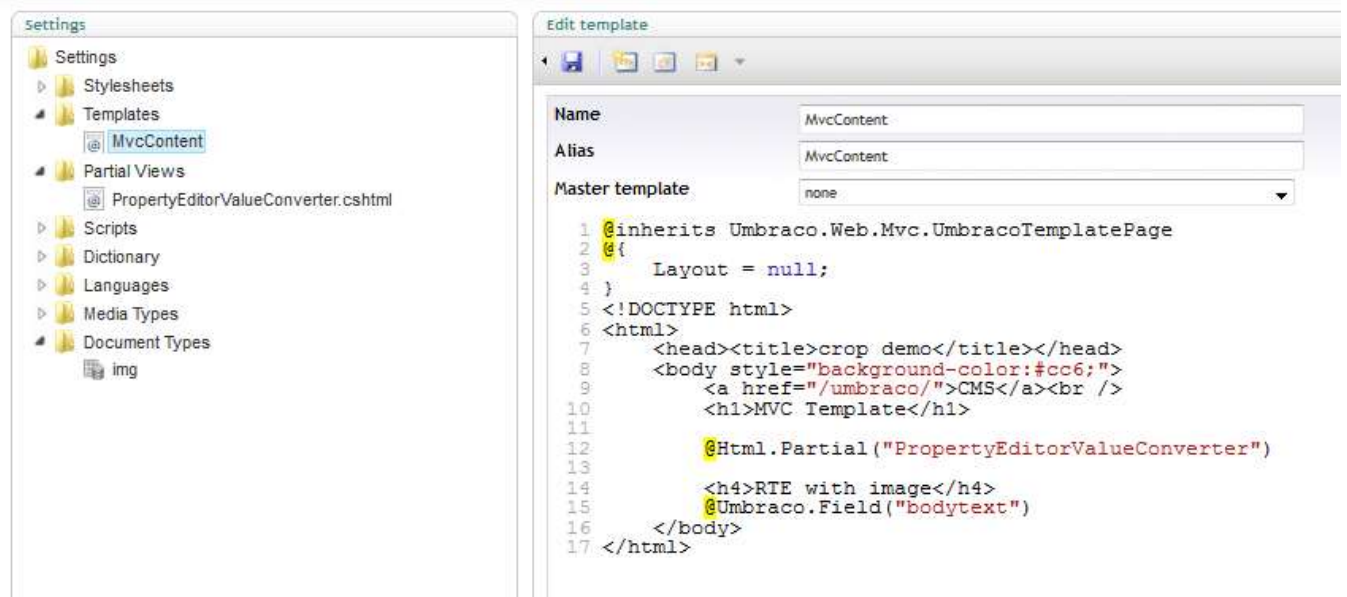


10. Sample scripts for a partial view ...

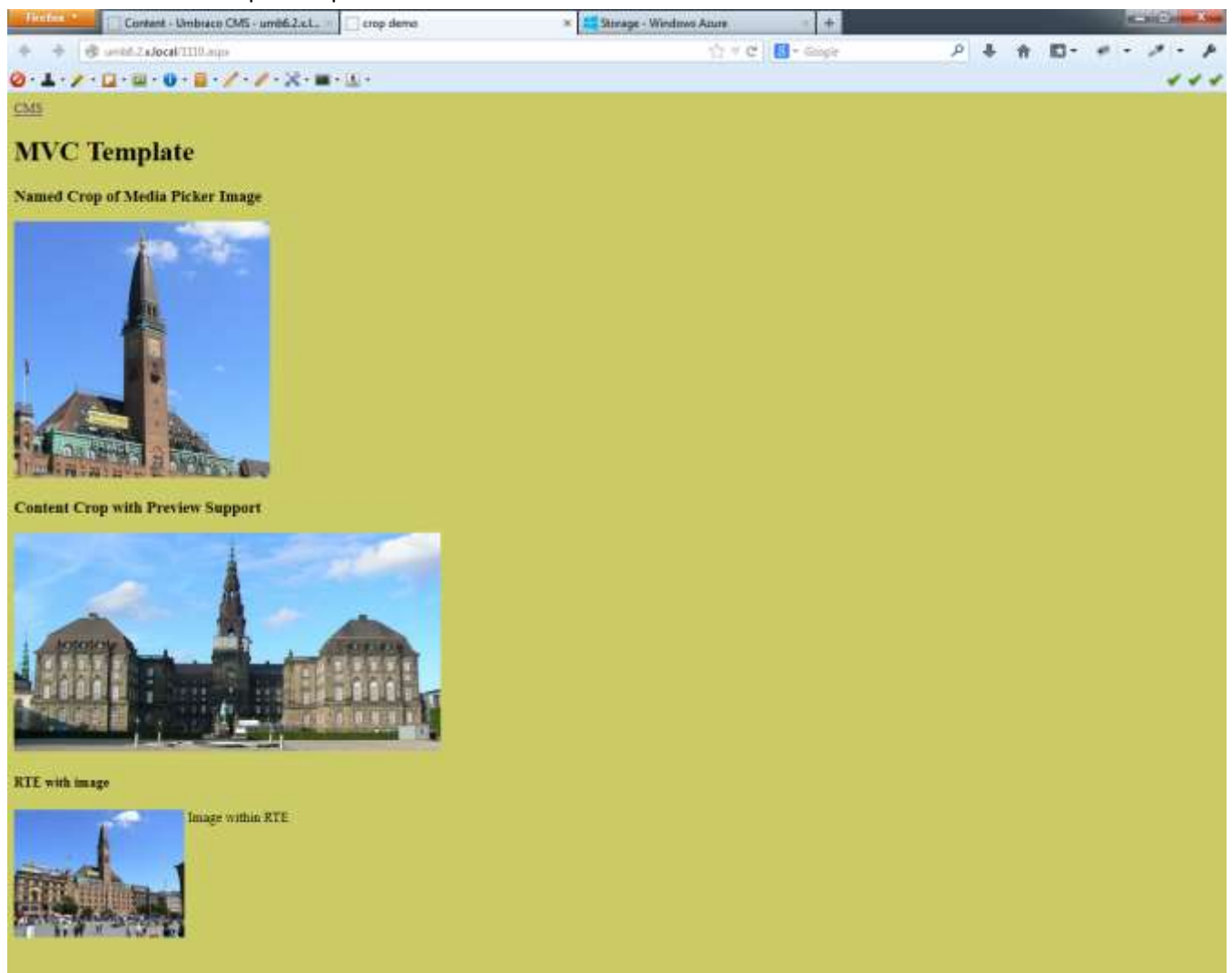




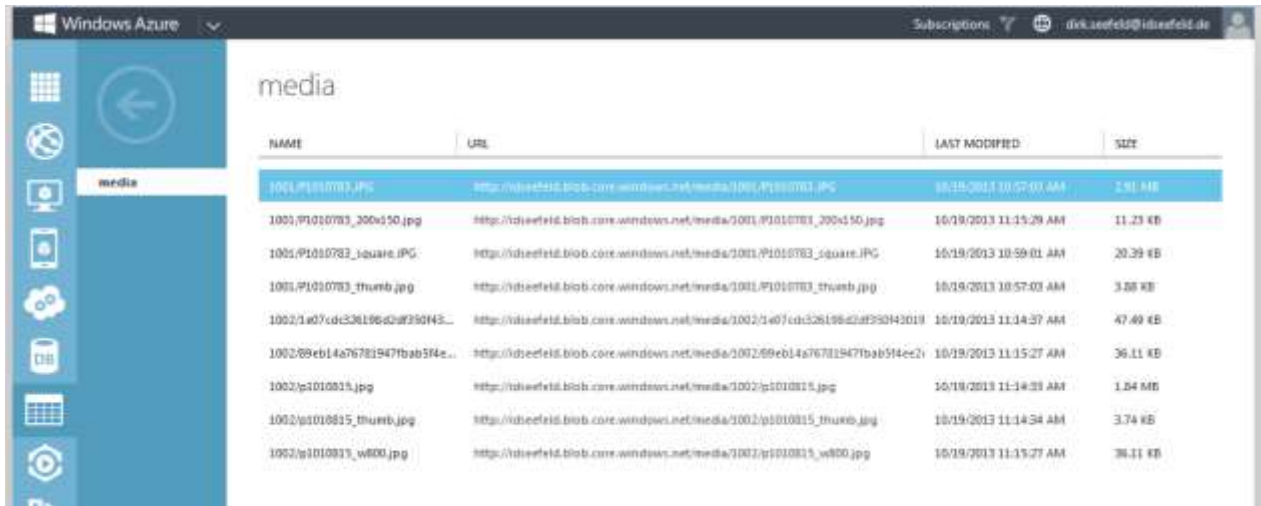
... and one for the MVC template, available in the documentation section of the [package download page](#).



11. Result view of the sample template.



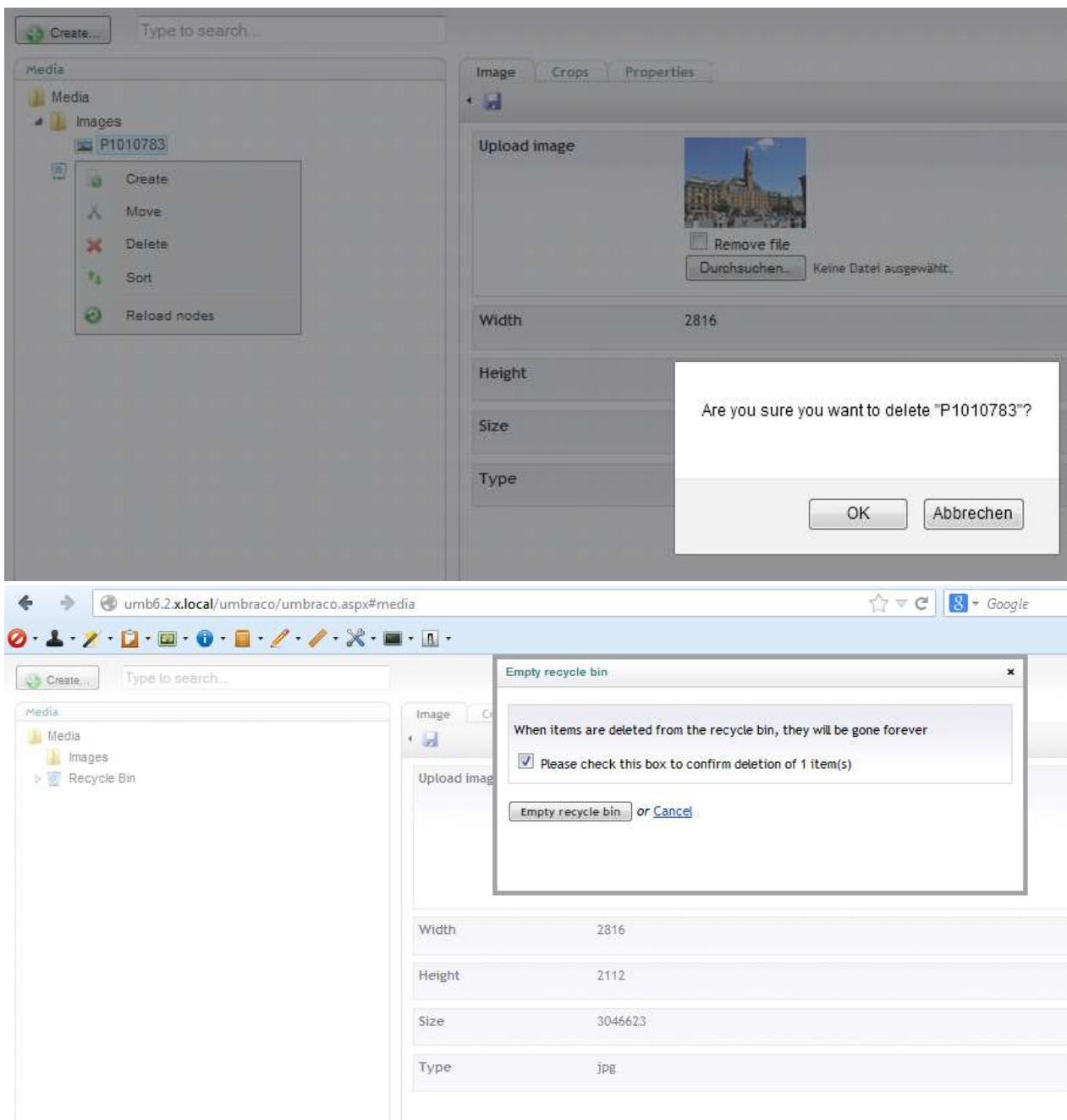
12. List of uploaded files.



The screenshot shows the Windows Azure Media gallery interface. On the left is a navigation pane with icons for various services. The main area is titled 'media' and contains a table with the following columns: NAME, URL, LAST MODIFIED, and SIZE. The table lists several files, including '1001/P1010783.JPG' and '1002/1a07cd326196d3af35043019'.

NAME	URL	LAST MODIFIED	SIZE
1001/P1010783.JPG	http://idsefeld.blob.core.windows.net/media/1001/P1010783.JPG	10/19/2013 10:57:01 AM	2.91 MB
1001/P1010783_200x150.jpg	http://idsefeld.blob.core.windows.net/media/1001/P1010783_200x150.jpg	10/19/2013 11:15:29 AM	11.23 KB
1001/P1010783_square.JPG	http://idsefeld.blob.core.windows.net/media/1001/P1010783_square.JPG	10/19/2013 10:59:01 AM	20.39 KB
1001/P1010783_thumb.jpg	http://idsefeld.blob.core.windows.net/media/1001/P1010783_thumb.jpg	10/19/2013 10:57:03 AM	3.06 KB
1002/1a07cd326196d3af35043019	http://idsefeld.blob.core.windows.net/media/1002/1a07cd326196d3af35043019	10/19/2013 11:14:37 AM	47.49 KB
1002/89eb14a76781947fbab514ec2i	http://idsefeld.blob.core.windows.net/media/1002/89eb14a76781947fbab514ec2i	10/19/2013 11:15:27 AM	36.11 KB
1002/p1010815.jpg	http://idsefeld.blob.core.windows.net/media/1002/p1010815.jpg	10/19/2013 11:14:33 AM	1.84 MB
1002/p1010815_thumb.jpg	http://idsefeld.blob.core.windows.net/media/1002/p1010815_thumb.jpg	10/19/2013 11:14:34 AM	3.74 KB
1002/p1010815_w800.jpg	http://idsefeld.blob.core.windows.net/media/1002/p1010815_w800.jpg	10/19/2013 11:15:27 AM	36.11 KB

13. Delete a media item.



The screenshot shows the Umbraco media gallery interface. On the left is a navigation pane with icons for various services. The main area is titled 'Media' and contains a list of media items. A context menu is open over the item 'P1010783', showing options like 'Create', 'Move', 'Delete', 'Sort', and 'Reload nodes'. The 'Delete' option is selected. A confirmation dialog box is displayed in the center of the screen, asking 'Are you sure you want to delete "P1010783"?'. The dialog has 'OK' and 'Abbrechen' buttons. Below the dialog, the 'Empty recycle bin' dialog is visible, asking for confirmation to delete items from the recycle bin. The background shows the media gallery interface with a search bar and a list of media items.

Are you sure you want to delete "P1010783"?

OK Abbrechen

Empty recycle bin

When items are deleted from the recycle bin, they will be gone forever

☒ Please check this box to confirm deletion of 1 item(s)

Empty recycle bin or Cancel

Width 2816

Height 2112

Size 3046623

Type jpg

At the time of this writing (previous to version 6.2.0) there is an issue with deleting a single media item in the recycle bin.

But you can empty the whole recycle bin and all trashed items will be deleted in Azure storage.



NAME	URL	LAST MODIFIED	SIZE
100120010014e7670134779ab194e...	http://dskunefield.blob.core.windows.net/media/100120010014e7670134779ab194e...	10/19/2013 11:24:33 AM	47.49 KB
100120010014e7670134779ab194e...	http://dskunefield.blob.core.windows.net/media/100120010014e7670134779ab194e...	10/19/2013 11:25:27 AM	36.11 KB
100120010015.jpg	http://dskunefield.blob.core.windows.net/media/100120010015.jpg	10/19/2013 11:24:33 AM	1.04 KB
100120010015_thumb.jpg	http://dskunefield.blob.core.windows.net/media/100120010015_thumb.jpg	10/19/2013 11:24:34 AM	3.74 KB
100120010015_wb00.jpg	http://dskunefield.blob.core.windows.net/media/100120010015_wb00.jpg	10/19/2013 11:25:27 AM	36.11 KB

An [issue report](#) with a possible solution is created, but I don't know whether it will make it into the release version 6.2.0 - your vote might help.